

**TRANSPORTATION
DEPARTMENT**

CIP PRESENTATION

Revised October, 2011

THE STATE OF TRANSPORTATION IN ROUND ROCK

4 QUESTIONS

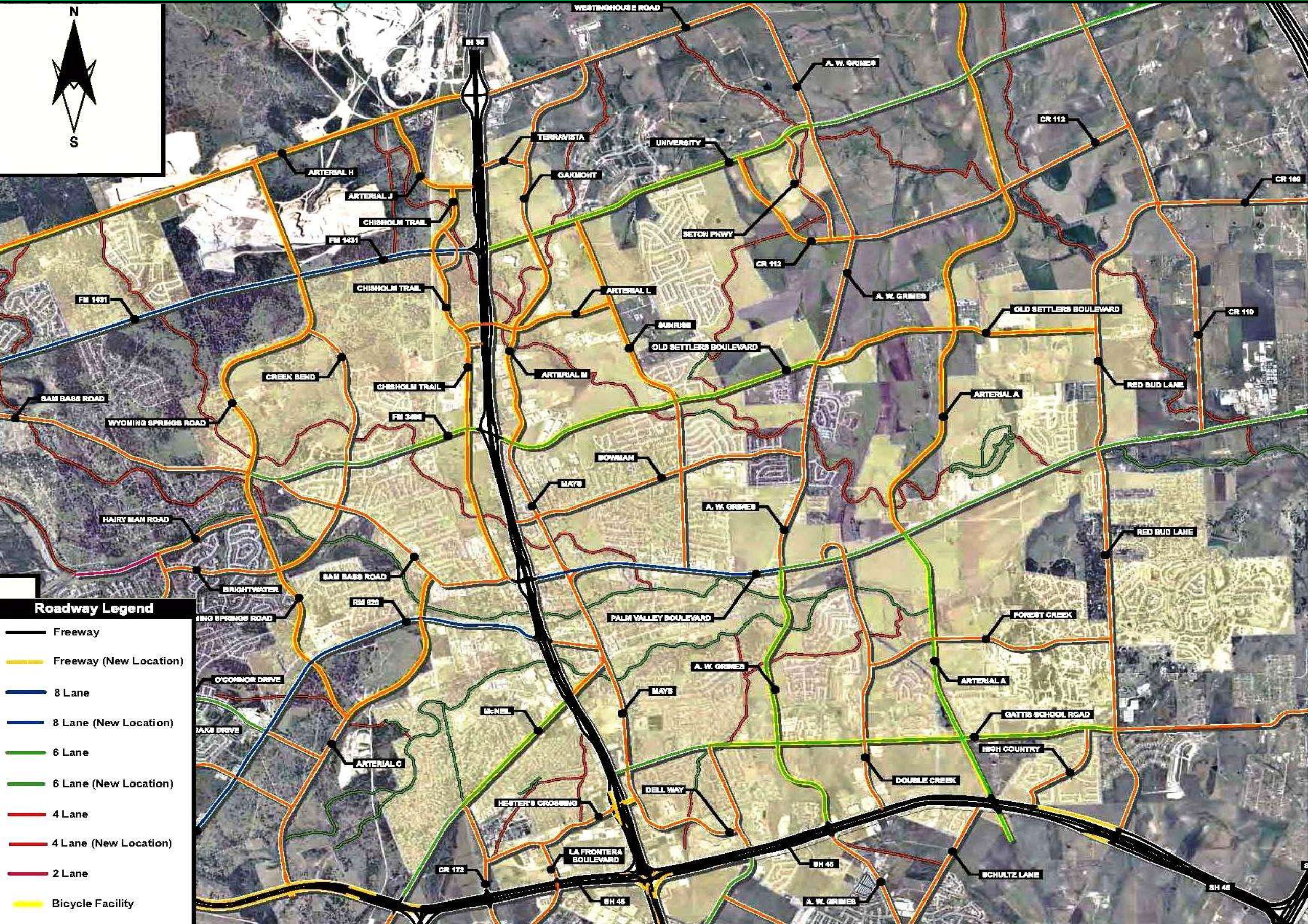
“Where have we been?”

“Where are we now?”

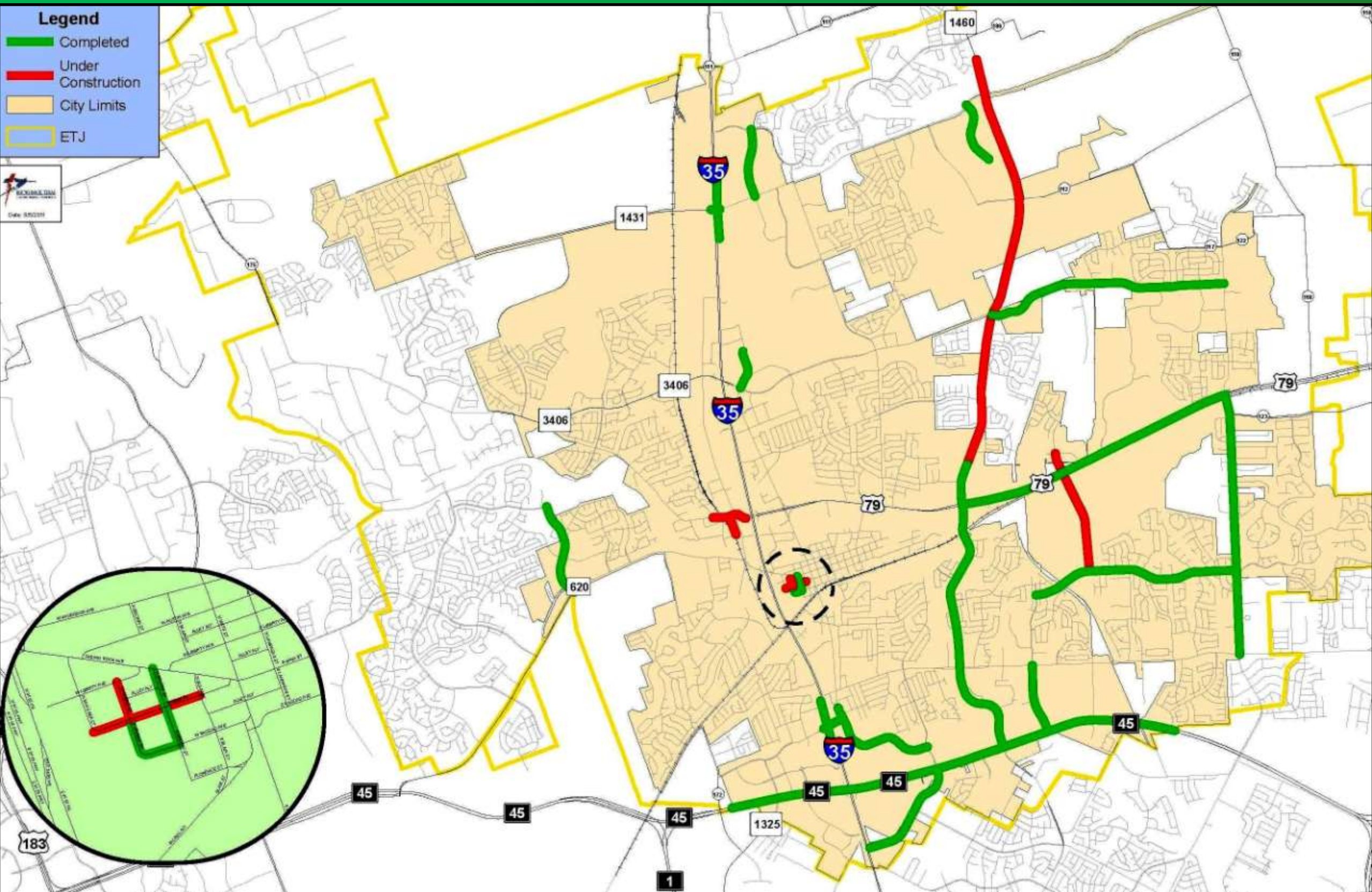
“Where do we need to go?” &

“Where do we want to go?”

“Where have we been?”



“Where are we now?”



TRANSPORTATION PLANNING PROCESS OVERHAUL

**Have we been using the right approach?, or
“WHAT PROBLEMS SHOULD WE BE SOLVING?”**

&

**Are we headed in the right direction?, or
“WHAT COMES NEXT?”**

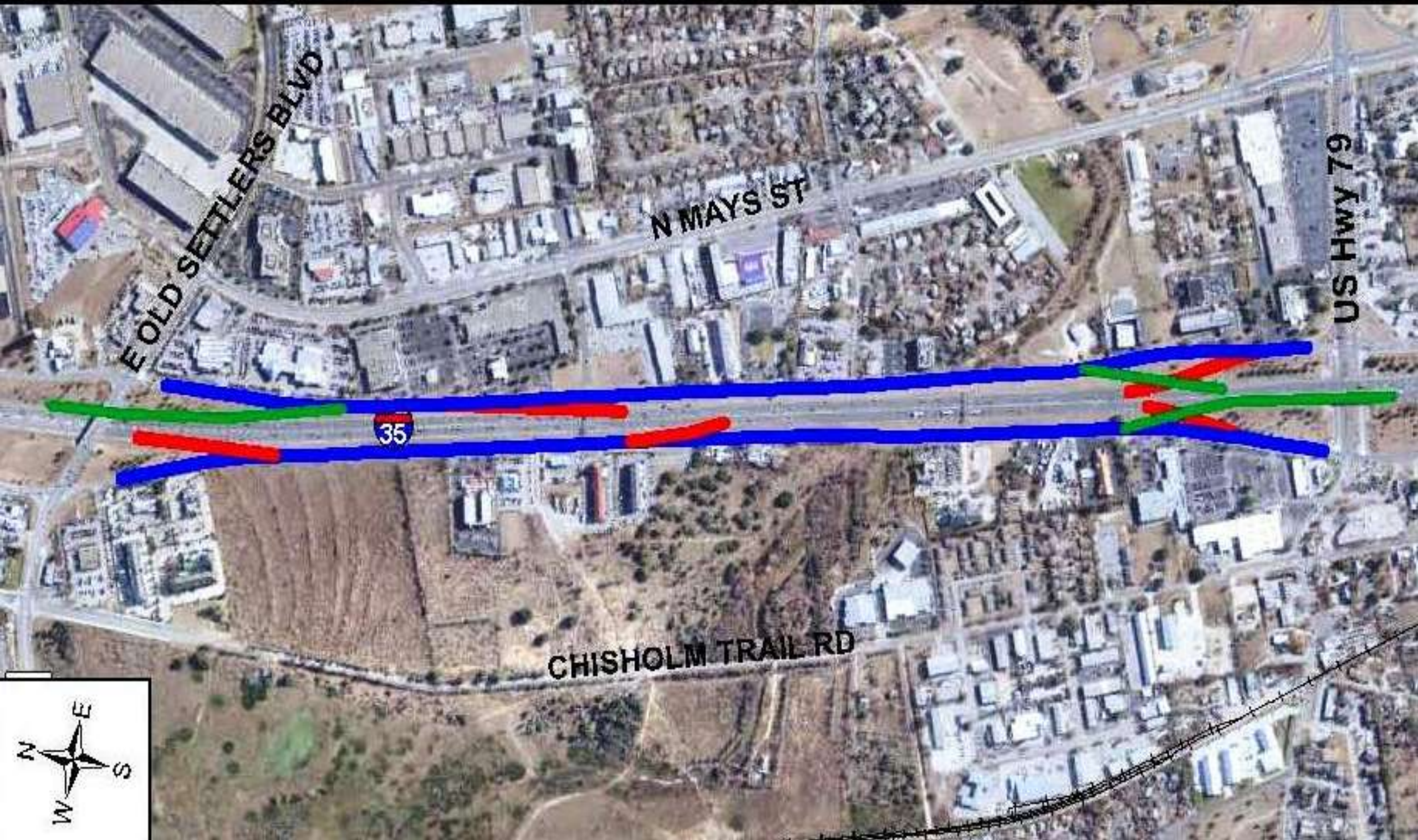
“WHAT PROBLEMS SHOULD WE BE SOLVING?”

Transportation Problems Prioritization Matrix						
Rank	Problem Description	Location / Approx. Limits	Measures of Effectiveness			Total Score (Max 100)
			Creates Connections (Max 40)	Grows Economy (Max 30)	Improves Safety (Max 30)	
1	IH-35 Corridor Deficiencies	McNeil to University	30.3	28.0	23.8	82.2
2	Westside N-S Connection	West RR RM 620 to RM 1431	39.0	21.3	21.2	81.5
3	Intersection/Corridor Efficiency	Gattis/FM3406 University/Mays	26.2	19.7	24.2	70.0
4	Strengthen Westside E-W Routes	West RR Sam Bass - 620 - 3406	29.5	20.0	18.3	67.8
5	Neighborhood Connectivity	City Wide	33.3	15.5	15.8	64.7
6	Economic Development / Rehabilitation	Chisholm/Mays/SWDT LaFrontera/PvmtMnt	18.3	27.5	18.0	63.8
7	Access Control on Existing Arterials	City Wide	15.0	15.5	23.7	54.2
8	Traffic Management Center	City Wide	14.7	13.8	25.5	54.0

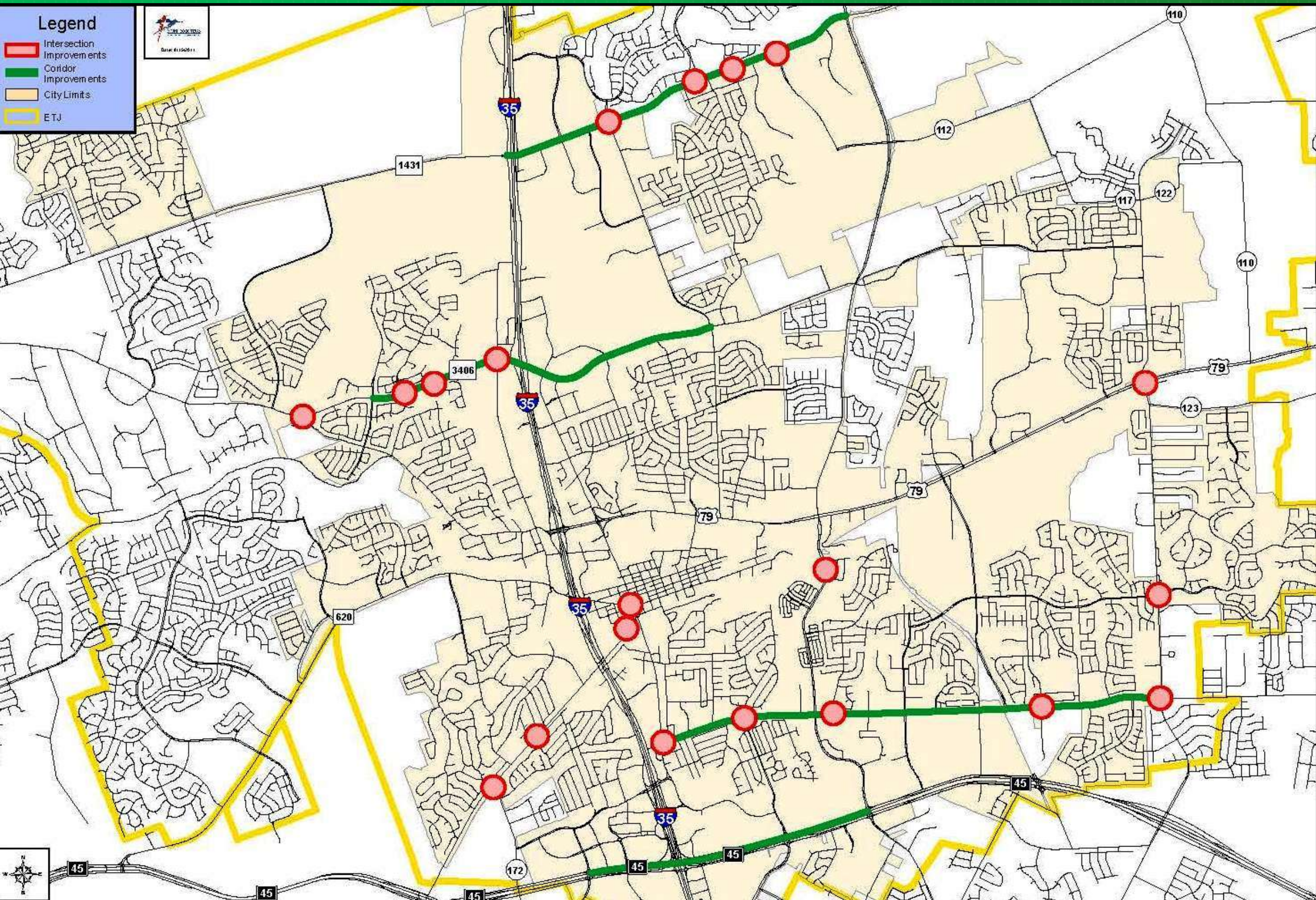
“WHAT COMES NEXT?”

Problem	Recommended Project		Project Limits		Estimated Costs	Constr. Start	Constr. Duration	FY'12-'17 Costs
			From	To				
IH 35 Corridor Deficiencies	a)	Ramp reversals and frontage roads	FM 3406	US 79	\$8.5 M	2015	18 months	\$8.5 M
Westside N-S Connection	a)	Creek Bend Blvd	Sam Bass Road	Brightwater Boulevard	\$8.0 M	2014	18-24 months	\$8.0 M
Intersection / Corridor Efficiency	a)	Signal coordination	various locations		\$500,000	2011	6 months	\$500,000
	b)	FM 3406	Sam Bass Road	IH 35 SBFR	\$300,000	TBD		\$300,000
	c)	Gattis School Road	Mays Street		\$160,000	TBD		\$160,000
	d)	Right turn pockets	various locations		\$600,000	2012	6 - 18 months	\$600,000
Strengthen Westside E-W Routes	a)	RM 620	Deepwood Drive	IH 35	\$12 M	2017	24 months	<u>\$5.0 M</u>
Economic Development / Rehabilitation	a)	Chisholm Trail Road	FM 3406	Sam Bass Road	\$8.5 M	2012	18 - 24 months	\$8.5 M
	b)	Mays Street	Brushy Creek	UPRR Bridge	\$2.0 M	2013	18 months	\$2.0 M
	c)	Southwest Downtown	various locations		\$12.0 M	2012	18 - 24 months	\$12.0 M
	d)	La Frontera Streets	throughout La Frontera		\$2.5 M	2012	18 - 24 months	\$2.5 M
	e)	Pavement Management	throughout City		\$10.0 M (\$2 M /year)	ongoing		\$10.0 M
Traffic Management Center	a)	Retain consultant			\$100,000	TBD		\$100,000

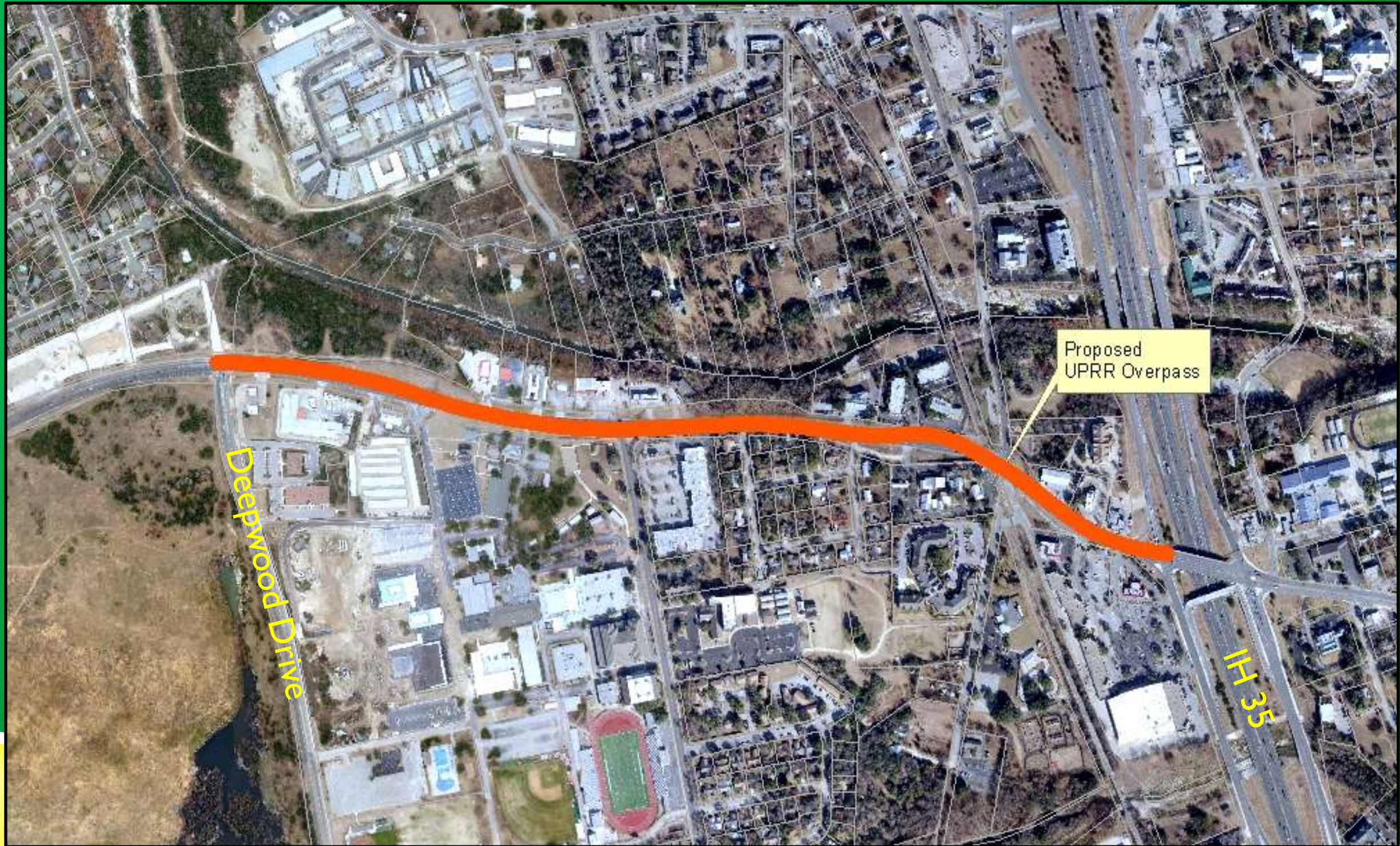
Problem I: IH-35 Corridor Deficiencies



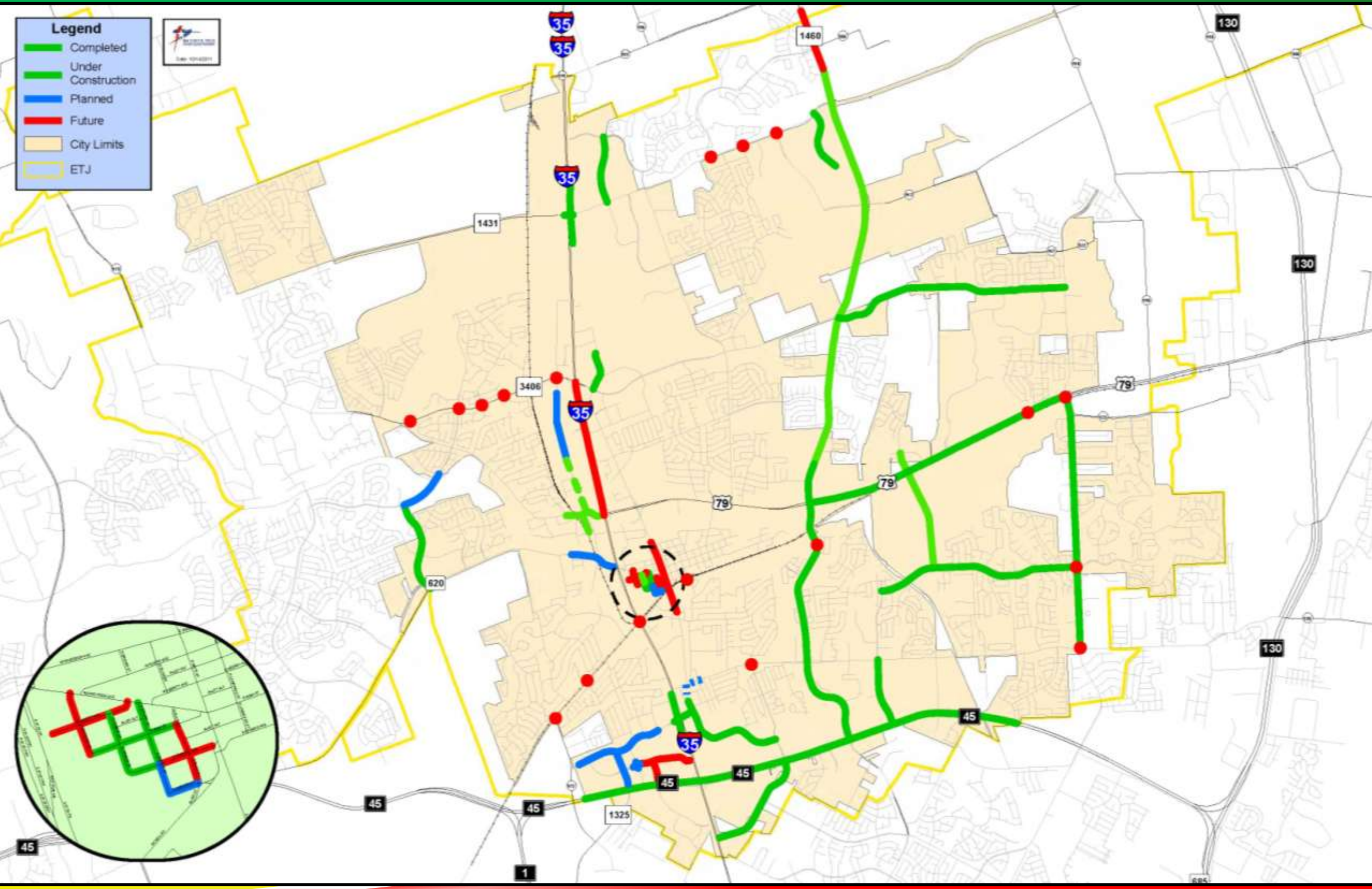
Problem 3: Intersection / Corridor Efficiency



Problem 4: Strengthen Westside E-W Routes



“WHAT COMES NEXT?”



PAVEMENT MAINTENANCE

MAINTENANCE - ROADS & STREETS

Type B Funds – Arterials & Collectors

- Current Funding Plan

Current Rate = \$500 K/yr ~ 7.25 lane miles/year

Network = 377 lane miles

Yields ~ 52 year program cycle

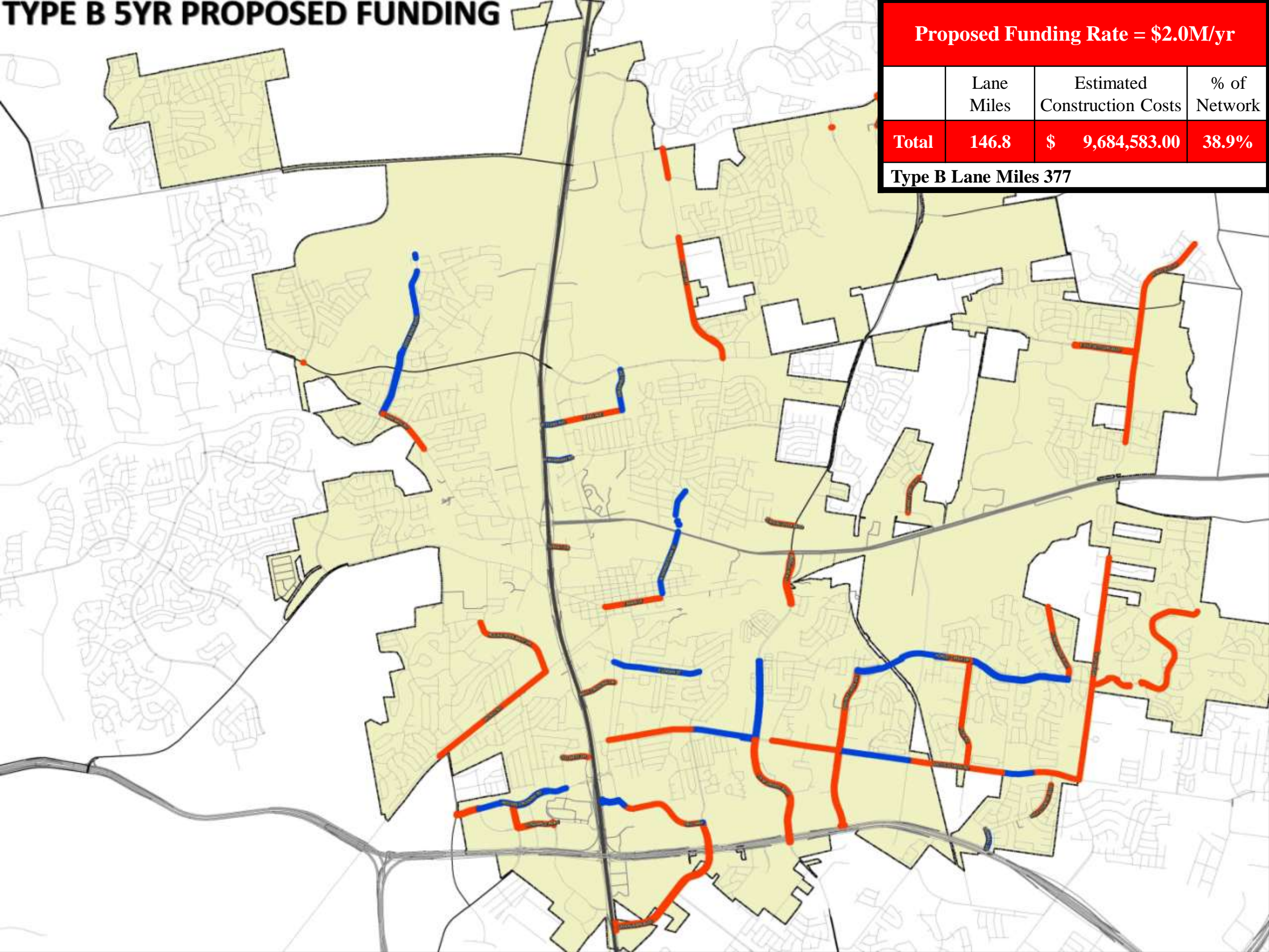
- Proposed Funding Plan

Proposed Rate = \$2.0 M/yr ~ 29 lane miles/year

Network = 377 lane miles

Yields ~ 13 year program cycle

TYPE B 5YR PROPOSED FUNDING



Proposed Funding Rate = \$2.0M/yr

	Lane Miles	Estimated Construction Costs	% of Network
Total	146.8	\$ 9,684,583.00	38.9%

Type B Lane Miles 377

MAINTENANCE - ROADS & STREETS

General Funds – Locals & Collectors

- Current Funding Plan

Current Rate = \$3.0 M/yr ~ 45 lane miles/year

Network = 920 lane miles

Yields ~ 20 year program cycle

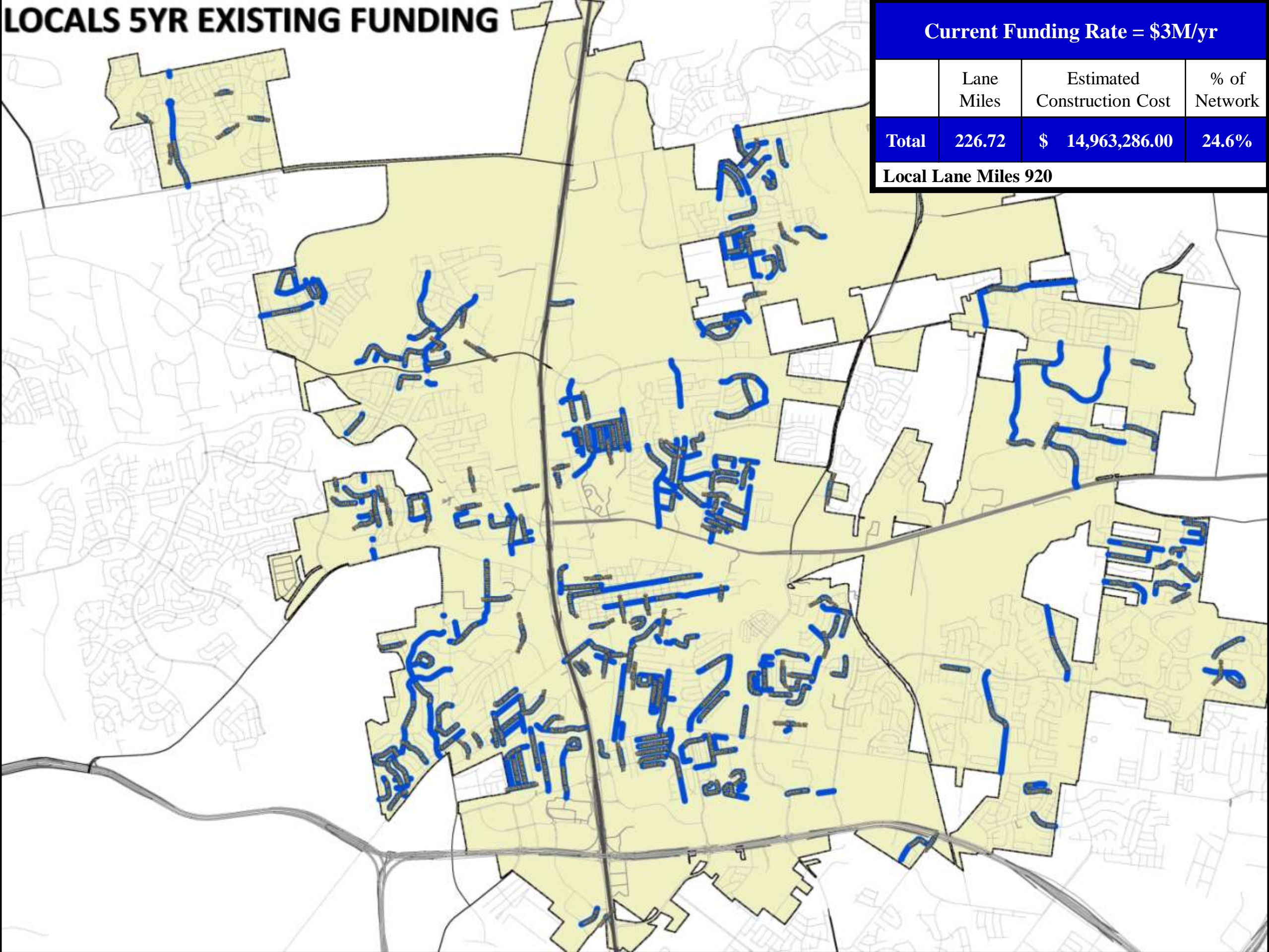
- Proposed Funding Plan

Proposed Rate = \$5.0 M/yr ~ 75 lane miles/year

Network = 920 lane miles

Yields ~ 12 year program cycle

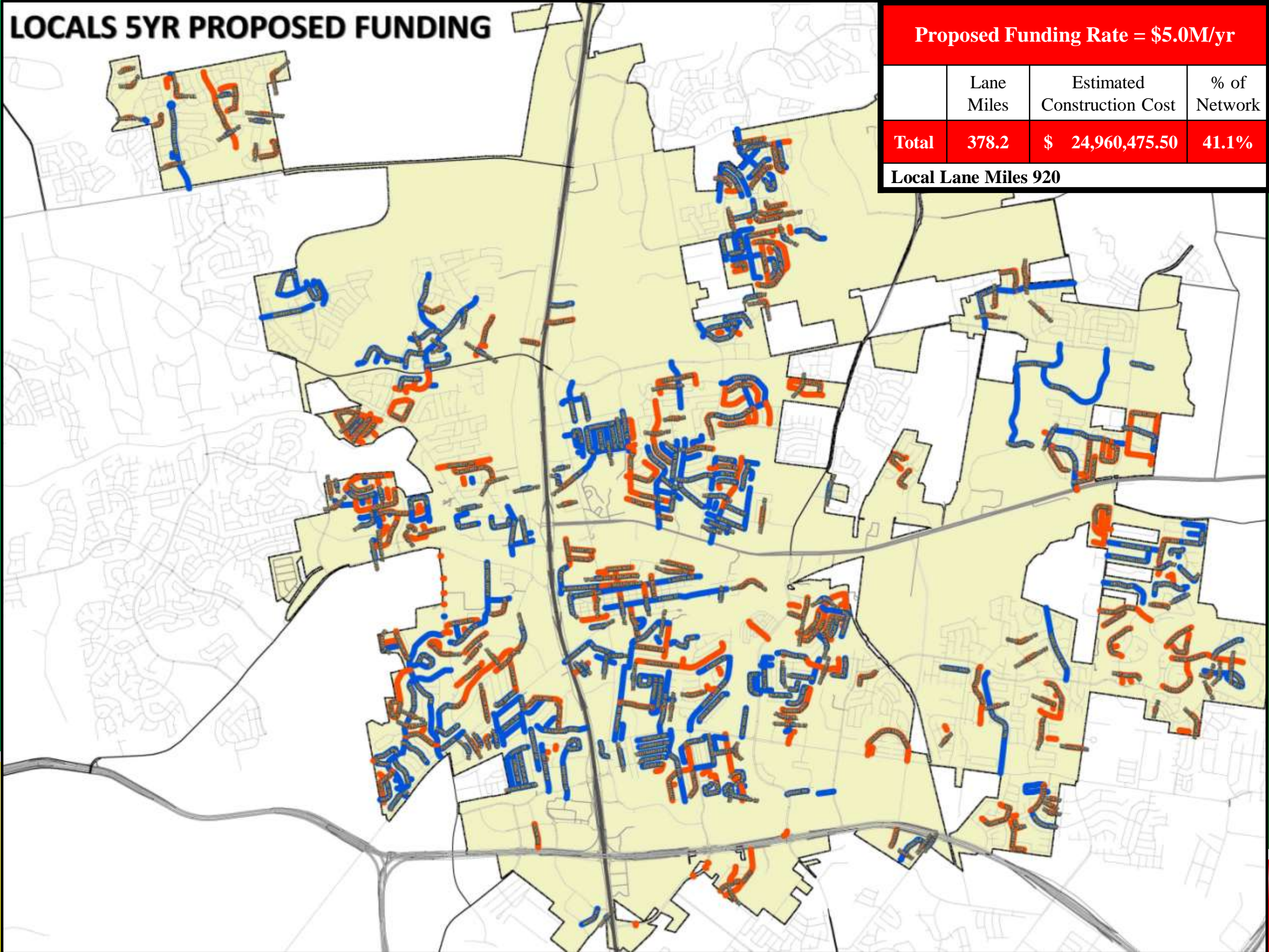
LOCALS 5YR EXISTING FUNDING



Current Funding Rate = \$3M/yr

	Lane Miles	Estimated Construction Cost	% of Network
Total	226.72	\$ 14,963,286.00	24.6%
Local Lane Miles 920			

LOCALS 5YR PROPOSED FUNDING



Proposed Funding Rate = \$5.0M/yr

	Lane Miles	Estimated Construction Cost	% of Network
Total	378.2	\$ 24,960,475.50	41.1%

Local Lane Miles 920